

R E M A R K S

This Amendment is submitted supplementary to the previous Amendment and in connection with the interview held with the Examiner.

During the interview the Examiner indicated that it would be advisable to define in claim 1 means for moving the main grid portion in a direction of movement during exposure, to make the claim more definite in view of the orientation of the cells relative to a side extending parallel to a direction of movement of the grid. In connection with this, applicant has amended claim 1 substantially as proposed.

At the same time, in view of the fact that a cellular X-ray grid can be manufactured without means for its movement, applicant has also submitted herewith an additional claim 18. Claim 18 substantially corresponds to claim 1, but does not define the means for moving the main grid portion. Instead it defines that the cells are correspondingly oriented relative to one side of the grid, so that when the grid is movable in a direction parallel to said side, the image of the cells on an X-ray picture during exposing with the movement of the grid is erased.

Claim 19 specifically defines that the main grid portion is provided with an X-ray absorbing layer which covers inner and end surfaces (all surfaces) of the grid. Thus the X-ray radiation does not pass through the transparent partitions formed of glass, nor the dispersed radiation.

Claim 20 additionally defines that the main portion of the grid is surrounded by a lining for reinforcing purposes, and the X-ray absorbing layer is fixedly connected both with the partitions and the lining.

Finally claim 21 defines that the plates surround the grid from the top and bottom sides, they are composed of a material which is transmitting for long wave component of X-ray radiation and protect the grid from impact loads.

The features of these three claims are extremely important for proper operation of the grid, its long surface life , and quality of X-ray pictures, and they are not disclosed in the references.

It is believed that claims should be considered as allowable, and such Action is earnestly solicited.

Reconsideration and allowance of the application are most respectfully requested.

Should the Examiner require or consider it advisable that the specification, claims and/or drawings be further amended or corrected in formal respects in order to place this case in condition for final allowance, then it is respectfully requested that such amendments or corrections be carried out by Examiner's Amendment, and the case be passed to issue. Alternatively, should the Examiner feel that a personal discussion might be helpful in advancing this case to allowance, he is invited to telephone the undersigned (at 516-243-3818).

Respectfully submitted,

Ilya Zborovsky  
Agent for Applicant  
Reg. No. 28563